

Scope of Work-E Library

❖ General Points to Note

- Patron Analysis will deliver a website, a windows desktop application and an Android Phone and Tablet Mobile Application to Richard Gain, Badger Group Limited. The functional deliverables for the same will be as listed in this document.
- Badger Group will then sell the entire package (website, windows desktop application and Android Phone / Tablet Mobile Application) to its Customers.
- For each of its customer, Badger Group will setup the entire package as a unique entity on its own server and point Customer's domain onto it.
- Each Customer will be paying to Badger Group on an ongoing basis and if in case Customer doesn't pay then Badger Group will suspend customer whole system through cPanel and resume again after receiving the payment. Patron Analysis will provide a Manual to Badger Group for suspending / resuming a Customer system through cPanel so that Badger Group could process it on their own end.
- Badger Group will be taking care of all the payments with their customers manually off the site.
- Customer who purchase System Subscription from Badger Group will be made the admin of its purchased system (hereafter referred to as 'System Admin' or 'Admin'). It will be programmatically done each time while setting up the system for a new customer.
- That particular customer as System Admin could then administer over the whole system and add up its subscribers.
- The detailed functionalities of System Admin/Admin and its subscribers are listed here below:

❖ System Admin / Admin

- Admin will log into its account (on the website) by using the log-in credentials provided by Badger Group at the time of system setup.
- Admin will be able to process general settings through its account for its entire system:
 - Admin can select whether to make the system free for its subscribers or charge them to use the same. These will be the two options which Admin will see under General System Settings and can select one as per choice.
 - If 'Make the System Free' is selected then system will be completely free to use for the subscribers however if 'Charge Subscriber' option is selected then Subscribers would have to pay to use the system. Admin can set a monthly fee to charge its subscribers after which subscribers would have to pay monthly to access the system.

- Admin will further have 2 options to select under 'Charge Subscriber' option i.e. accept payments online or accept them via Bank Transfer. Admin could either select any one or could select both as well.
- In case of accepting payments via Bank Transfer, subscribers will be able to update the payment status as 'Paid' from their account panel and upload the payment receipt. In its account, Admin will be able to see the payment receipt uploaded by subscriber, cross verify with its bank account and confirm/reject the payment status.
- In case of accepting payments online, once admin select the same an email will be sent to Badger Group notifying admin's requirement to accept payment online. Badger Group will connect with Admin off the site, receive all the details required to activate online payments for admin and then pass on the same to Patron Analysis so that receiving payment online could be programmatically activated. Patron Analysis charges for setting up the online payment functionality for each system could be discussed as a separate agreement.
- Another option which admin could select is whether to add subscribers through admin panel or subscribers could submit a registration form at the website front-end. Admin could select both these options as well.
- In case of adding up subscribers through Admin Panel, admin will be able to add them up by submitting details like subscriber serial number, first name, last name, email address, phone number, complete physical address, assign subscriber group, set expiry date, add notes and select whether computer ID can be changed by the subscriber or it would need admin approval. Once admin adds up a subscriber, an email will be sent to the subscriber email address with a URL, clicking on which website will open up with a page where subscriber could set its password and then log into its account panel on the website.
- In case of submitting a registration form at website front-end, subscriber will be able to submit a registration form with details like first name, last name, email address, phone number and password which will be submitted to admin in its account panel (admin panel). Admin will be able to view subscriber details and accept/reject subscriber registration application (assign subscriber group, set expiry date, add notes, select whether computer ID can be changed by the subscriber or it would need admin approval and select whether subscriber could browse other categories for Encrypted PDF download). After admin processes subscriber's application, an email (either registration accepted or registration denied) will be sent to subscriber. If registration is accepted then a login URL will also be sent to the subscriber along in the email.
- Admin will be able to set whether all the subscribers could only see the Encrypted PDFs as per their Subscriber Group or all subscribers could browse different categories/groups and download the encrypted PDFs or

- admin could allow selective subscribers by checking them from the list to browse different categories/groups and download the encrypted PDFs.
- Admin will be able to create different subscriber groups in Admin Panel and link subscribers to them. Admin can link a single subscriber to more than one group on the website. Below information would need to be submitted while creating a new group:
 - Group Name
 - Group Description
 - The number of computers that can be used with each account. Default=1.
 - Group Status (Active): Yes/No
 - Admin will be able to upload PDFs and convert them into encrypted file format on the website (in the Admin Panel). Below will be the information which admin would have to submit/select each time while uploading a PDF:
 - Select Category/Topic/Subject (Admin will need to select a Category/Topic/Subject to which the book should be linked)
 - Select Subscriber Group (From Drop Down List)
 - Set Expiry by Calendar Date
 - Expiry Days (Days to expire after a user first opens it. Over-rides expiry date)
 - Expiry Hours (Hours to expire after first opening. Over-rides other expiry options.)
 - View Limit (Times a document can be opened. Can be left blank for no limit)
 - Print Limit (0 = no printing or 3 = limit of 3 prints. Blank = printing is allowed)
 - User Check (On by default. No = access permission not required for this document)
 - Allow Capture (Enabling this option will allow Printscreen and screen capture)
 - Active: Yes/No (Yes = available to subscribers. No = suspend access)
 - Admin will be able to select whether the uploaded PDF needs to have a preview version. If 'Yes' is selected then Admin needs to upload a separate PDF document and that document will have no security (No Reader or Android Application is required to read that PDF as it will not be encrypted). Therefore, if subscriber selects to view the preview, they would just be downloading a pdf version and can view that without reader on their respective systems.
 - Admin will be able to create a new Category/Topic/Subject on the website (in the Admin Panel). Admin will be able to edit or delete their created category, topic or subject in the admin panel.
 - Admin will be able to view the details of all its uploaded PDFs (which have been encrypted) in the admin panel. Admin could download any encrypted file by just clicking on it from the admin panel.

❖ **Subscriber**

➤ **Website**

- Subscribers will be able to submit a registration form (if form activated by admin) to apply to register on the website. Admin will view subscriber details in the admin panel and approve/reject the same. After admin processes subscriber's application, an email (either registration accepted or registration denied) will be sent to subscriber. If registration is accepted then a login URL will also be sent to the subscriber along in the email.
- If admin adds up a subscriber, an email will be sent to the subscriber email address with a URL, clicking on which website will open up with a page where subscriber could set its password and then log into its account panel on the website.
- If website access is free then subscribers could use the whole system absolutely free of cost however if admin has setup charges to use the system then subscribers would have to pay a monthly fee (as set by admin).
- Subscribers could make payment for their monthly fee either online or via Bank Transfer (as set by website admin). Subscribers will see a 'Pay Now' button in their account panel under 'Monthly Payments' tab clicking on which they could select how they need to pay (Online or Bank Transfer).
- Subscribers will be able to view their past transaction history in their account panel on the website.
- Subscribers will be able to view their available Encrypted PDFs in their account panel on the website.
- Subscribers will be auto linked to the Encrypted PDFs as per their Subscriber Group. Subscribers will only be able to see the Encrypted PDFs in their Subscriber Group.
- Subscribers could download a particular Encrypted PDF from within their account panel on the website.
- If allowed by Admin, subscribers could browse different categories/groups and download the encrypted PDFs as per their choice.
- Subscribers will need the Encrypted PDF Reader, that when a subscriber downloads the Encrypted PDF, only this reader allows them to open and see the content of the Encrypted PDF. The Encrypted PDF Reader will be available for Windows Desktop and Android Devices (Phones & Tablets).
- Subscribers will be able to download Windows Desktop Encrypted PDF Reader from within their account panel on the website.
- Subscribers will be able to click on a link to the Google Play Store (Android Marketplace) from within their account panel on the website. They can download the Android Mobile Application on their Phones and Tablets to read encrypted PDFs on their android devices.

- If allowed by Admin, subscribers could change their Computer ID from within their account panel on the website. If not, then subscribers could submit their request to change their Computer ID (by listing new Computer ID in that request) to Website Admin. Admin could view and accept/reject the request accordingly.
- If a Subscriber selects to download the Preview PDF, it needs to click on a link to download the pdf file and in that case the Windows Desktop or Android Mobile Application Reader won't be needed, as the preview will just be a pdf document (which will not be encrypted).
- **Windows Desktop Encrypted PDF Reader**
 - Subscribers could only download it (Reader) from within their account control panel on the website.
 - Subscribers would need to submit their account details (username and password) for the very first time they open up the Reader. Once they submit it, their account details are verified and on successful verification their Computer ID is traced and stored in their account control panel on the website. This locks up the Reader for that particular subscriber to one single computer.
 - The Encrypted PDFs downloaded by the subscribers can only be read by opening them through the Encrypted PDF Reader.
 - The Encrypted PDFs downloaded by the subscribers cannot be shared, printed, copied and no screenshots could be taken for them.
 - Subscribers will be able to access the Encrypted PDFs via Reader as per the permissions set by website admin i.e. expiry by calendar date. Expiry Days, Expiry Hours, View Limit, Print Limit and User check.
 - Subscribers will be able to use Reader In-Built options like Zoom In, Zoom Out, Zoom 100%, Go to Next Page, Go to Last Page, Go to Previous Page and Go to First Page.
- **Android Mobile Application (For Phones and Tablets)**
 - Subscribers will be able to click on a link to the Google Play Store (Android Marketplace) from within their account panel on the website. They can download the Android Mobile Application on their Phones and Tablets to read encrypted PDFs on their android devices.
 - Subscribers would need to submit their account details (username and password) for the very first time they open up the Android App. Once they submit it, their account details are verified and on successful verification their Device ID is traced and stored in their account control panel on the website. This locks up the Android App for that particular subscriber to one single device.
 - Subscribers will be able to access the Encrypted PDFs via Android App as per the permissions set by website admin i.e. expiry by calendar date. Expiry Days, Expiry Hours, View Limit, Print Limit and User check.